SPECIFICATIONS

DIGITAL CAMERA FinePix S8000fd

Number of effective pixels*1	8.0 million pixels
CCD sensor	1/ 2.35-inch CCD
Storage media	Internal memory (Approx. 58MB)/xD-Picture Card™ (16MB - 2 GB)/ SD memory card/SDHC memory card*2
File format	Still image: JPEG (Exif Ver. 2.2*3) Movie: AVI (Motion JPEG) with sound Audio: WAVE format, Monaural sound [Design rule for Camera File system compliant/DPOF-compatible]
Number of recorded pixels	Still image: 3264×2448/3264×2176 (3:2 format)/2304×1728/ 1600×1200/640×480 pixels
Lens	Fujinon 18× Optical zoom lens, F2.8 - F4.5
Lens focal length	f=4.7mm - 84.2mm, Equivalent to 27 - 486mm on a 35mm camera
Aperture	F2.8 - F8.0, 10 steps in 1/3 EV increment
Digital zoom	Approx. 5.1×
Focus distance	Normal: Wide angle: Approx. 70cm/2.3 ft. to infinity Telephoto: Approx. 1.5m/4.9 ft. to infinity Macro: Wide angle: Approx. 10cm/0.3 ft. to 80cm/2.6 ft. Telephoto: Approx. 1.2m/3.9 ft. to 3.2m/10.5 ft. Super Macro: Approx. 1cm/0.4 in. to 1m/3.3 ft.
Sensitivity	Auto/Auto (1600)/Auto (800)/Auto (400)/Equivalent to ISO 64/100/200/400/800/1600/3200/6400 (Standard Output Sensitivity) *ISO 3200/6400: 4M pixels or lower (Number of recorded pixels)
Exposure control	TTL 256-zones metering
Exposure modes	Programmed AE, Aperture Priority AE, Shutter Priority AE, Manual
Shooting modes	Mode dial: Auto, PS(Picture Stabilization), Natural Light, Natural Light & with Flash, SP1, SP2, P, A, S, M, Movie SP1/SP2: Portrait, Landscape, Sport, Night, Fireworks, Sunset, Snow, Beach, Museum, Party, Flower, Text, Auction
Image Stabilizer	CCD-shift type
Shutter speed	4sec. to 1/2000 sec. (depends on Shooting mode)
Continuous shooting	Top-3 (max. 1.3 frames/sec.), Long-period (max. 0.5 frames/sec.) Top-15, High speed (max. 7 frames/sec., 4M pixels or lower) Top-15, Ultra High speed (max. 15 frames/sec., 2M pixels or lower)
Auto Bracketing	±1/3EV, ±2/3EV, ±1EV
Focus	Auto focus (Area, Multi, Center)/Continuous AF/Manual focus AF assist illuminator available
White balance	Automatic scene recognition Preset (Fine, Shade, Fluorescent light (Daylight), Fluorescent light (Warm White), Fluorescent light (Cool White), Incandescent light), Custom
Self-timer	Approx. 10 sec./2 sec. delay
Flash	Auto flash Effective range: (ISO AUTO (800)): Wide angle: Approx. 0.5 - 8.8m/1.6 - 28.9 ft. Telephoto angle: Approx. 0.5 - 5.6m/1.6 - 18.4 ft. Macro: Approx. 0.3m - 3m/1.0 ft. - 9.8 ft. Flash mode: Red-eye removal OFF: Auto, Forced Flash, Suppressed Flash, Slow Synchro Red-eye removal ON: Red-eye Reduction Auto, Red-eye Reduction & Forced Flash Suppressed Flash, Red-eye Reduction & Slow Synchro
Electronic Viewfinder	0.24-inch, Approx. 230,000 pixels color LCD monitor, Approx. 97% coverage, 60fps
LCD monitor	2.5-inch, Approx. 230,000 pixels, low-temperature polysilicon TFT color LCD monitor(WV type), Approx. 97% coverage, 60fps
Movie recording	640×480 pixels, 30 frames/sec. 320×240 pixels, 30 frames/sec. With monaural sound, with Electronic Image Stabilization *Zoom function cannot be used during movie recording.
Photography functions	Face Detection (with red-eye removal), High speed shooting, Best framing, Post shot assist windows, Frame No.memory, Automatic playback, Histograms
Playback functions	Face Detection, Slide show, Scrap book view slide show, Trimming, Single frame, Multi-frame playback(with Micro Thumbnail), Sorting by date, Image rotate, Voice Memo, Histograms(Highlight warning)
Video output	NTSC / PAL selectable
Digital input/output	USB Full-speed
Power source*4	4×AA type alkaline batteries (included) /4×AA type Ni-MH rechargeable batteries (optional) or AC power adapter AC-5VX (optional)
Dimensions	111.3 (W) × 78.2 (H) × 79.3 (D) mm / 4.4 (W) × 3.1 (H) ×3.1 (D) in. (excluding accessories and attachments)
Weight	Approx. 410g / 14.5 oz. (excluding accessories, batteries and memory card)
Accessories included	4×AA type Alkaline batteries, Shoulder strap, Lens cap, Lens cap cord, USB cable, A/V cable, CD-ROM : FinePixViewer, Owner's Manual

*1 Number of effective pixels:
The number of pixels on the image sensor which receive input light through the optical lens, and which are effectively reflected in the final output data of the still image.

*2 Please see the Fujifilm website to check memory card compatibility.

*3 Exif 2.2 is a newly revised digital camera file format that contains a variety of shooting information for optimal printing.

*4 Manganese dry, nickel-cadium and lithium AA batteries cannot be used with this product.

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FUNCTIONS

Number of images/recording time

Modes	Still image						Movie	
Number of recorded pixels	3264×2448		3264×2176 (3:2 format)	2304×1728	1600×1200	640×480	Movie recording time: sec.	
Quality	JPEG Fine	JPEG Normal	JPEG	JPEG	JPEG	JPEG	VGA(30 fps)	QVGA(30 fps)
Internal memory (Approx. 58MB)	14	29	32	57	91	448	62 sec.	99 sec.
xD-Picture Card™ 256MB	65	130	145	257	410	1999	4.7 sec.	7.4 min.
512MB	130	259	290	515	819	3995	9.3 min.	14.8 min.
1GB	261	520	581	1031	1640	7996	18.7 min.	29.6 min.
2GB	520	1031	1163	2063	3199	15995	36.8 min.	59.2 min.
SD memory card 512MB	126	251	281	499	793	3868	9.0 min.	14.3 min.
1GB	252	503	563	999	1589	7746	18.1 min.	28.7 min.
2GB	504	1000	1127	2000	3100	15504	35.6 min.	57.4 min.
SDHC memory card 4GB	996	1977	2229	3955	6131	30655	70.5 min.*	113.5 min.*
8GB	1995	3959	4463	7919	12275	61375	141.0 min.*	227.3 min.*

Actual number of frames and recording time varies depending on the types of Memory Card or shooting condition.
*A movie recording will stop automatically when the movie file size becomes approx. 2GB.

OPTIONAL ACCESSORIES

xD-Picture Card™
DPC-M256/DPC-H256 (256MB)
DPC-M512/DPC-H512 (512MB)
DPC-M1GB/DPC-H1GB (1GB)
DPC-M2GB/DPC-H2GB (2GB)

AC Power Adapter
AC-5VX

PC Card Adapter
DPC-AD

Compact Flash™ Card Adapter
DPC-CF

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For more information, please visit our Website:
http://www.fujifilm.com/products/digital_cameras/index.html

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All sample photos are simulated images.

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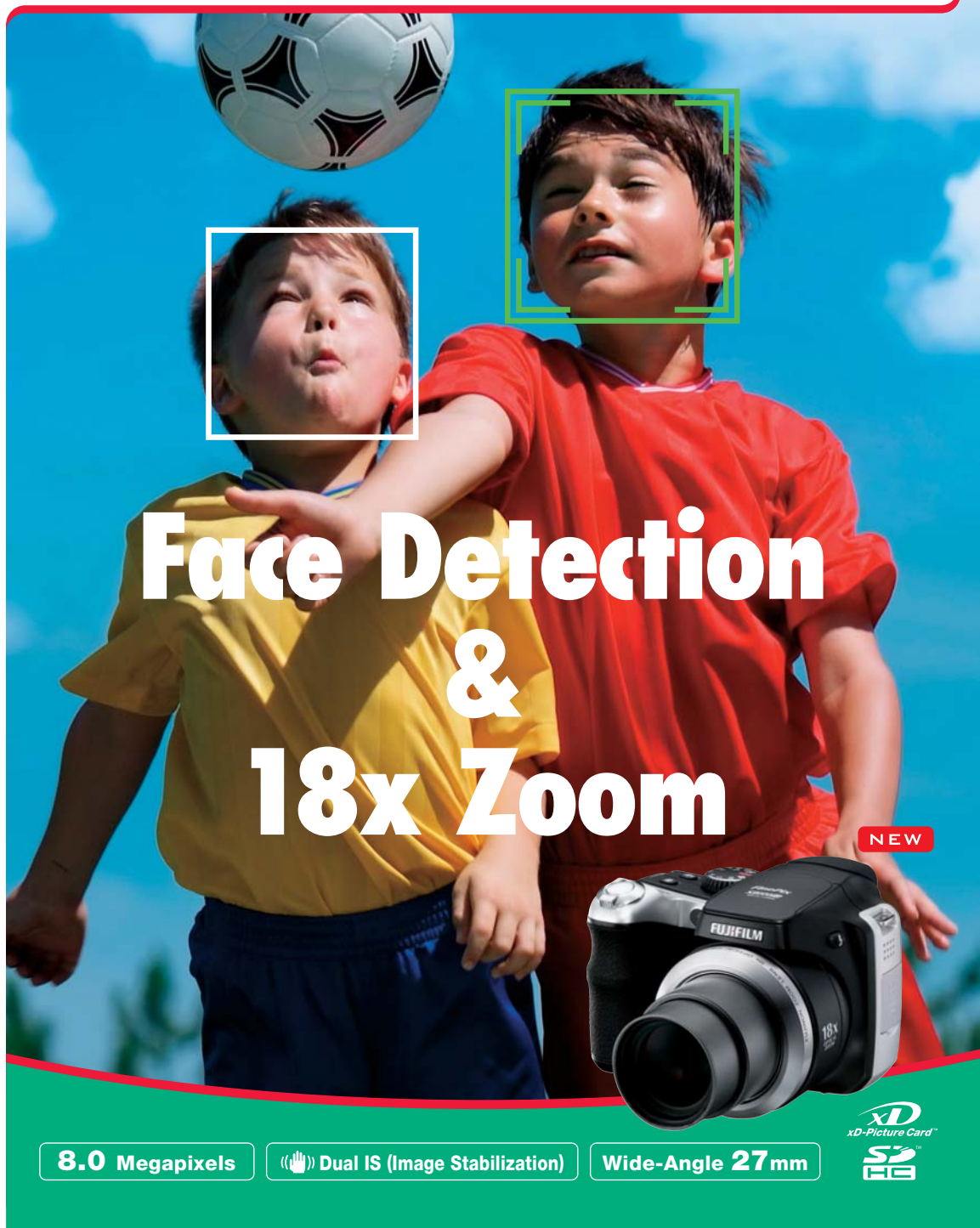
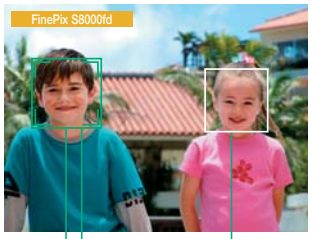
DIGITAL CAMERA FinePix S8000fd



Face!

Face Detection



Innovative Face Detection instantly identifies faces in the scene and automatically adjusts focus and exposure to ensure beautiful people pictures. And with the ability to identify faces anywhere in the scene, the FinePix S8000fd can detect up to 10 faces at a time.

Up to 10 faces detected almost instantly!

Red-Eye Removal

The FinePix S8000fd features a red-eye removal function that automatically detects and corrects unsightly red-eye reflections that often spoil flash photos of people.

Conventional digital camera

FinePix S8000fd

18x Optical Zoom

With its versatile high-quality Fujinon zoom lens, the FinePix S8000fd is ready for any shooting scenario. Covering a full range of focal lengths, from 27mm wide-angle to 486mm telephoto*, the single built-in lens eliminates the need for time-consuming lens changes. This integrated construction also minimizes the possibility of dust contamination inside the camera body.

*35mm equivalent

Wide angle | 3x optical zoom | 10x optical zoom | 18x optical zoom

18x Optical zoom
+
5.1x digital zoom

Zoom!

8 Megapixels

8-megapixel resolution produces sharp, clear photos that can be enlarged and printed with all their detail and vivid color intact.

27mm Wide-Angle

At the wide end of its focal range, the FinePix S8000fd gives you a full 27mm wide-angle perspective. This lets you fit groups of people or expansive landscapes into your pictures with ease. The wide-angle setting also gives your photos a pleasing sense of depth and dimension and lets you experiment with special techniques.

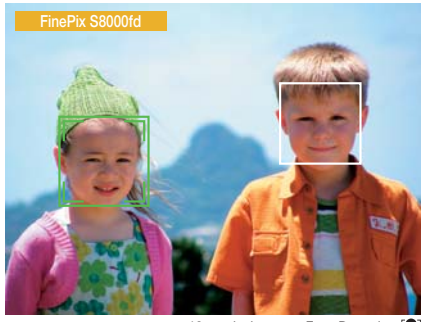
35mm

27mm

18x Optical Zoom +

Wide-angle

Face Detection operates throughout the entire range of the 18x zoom lens, identifying faces even at a distance and adjusting focus and exposure so that the people in your pictures are in clear focus.



18x optical zoom + Face Detection

18x Optical Zoom+Image Stabilization Active!

The FinePix S8000fd incorporates a CCD shift image stabilization mechanism. This mechanical image stabilization function operates in tandem with characteristic FinePix high sensitivity to minimize blurring caused by camera shake or subject movement, even at the full range of the telephoto zoom.

High Sensitivity + CCD Shift Image Stabilization

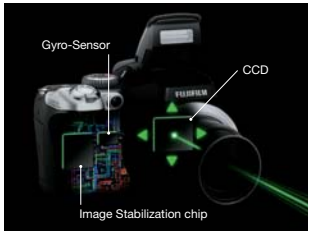
Dual IS (Image Stabilization) Mode

Activated by a convenient Dual IS button, the combination of CCD shift image stabilization and high sensitivity work together to minimize blurring caused by camera shake or subject movement. In this mode, you can zoom on even rapidly moving subjects, capturing the excitement and action in attractive, blur-free photos.

Conventional digital camera

FinePix S8000fd

CCD Shift Image Stabilization



A gyro-sensor detects the amount of blur and an image stabilization chip calculates how much correction is needed. Based on the result, the CCD is shifted to compensate for camera shake.

Minimizes effect of camera shake even in high-power zoom mode

PLUS

PS (Picture Stabilization) Mode

Picture Stabilization mode automatically adjusts sensitivity (up to ISO 1600) and shutter speed to prevent blur from camera shake or subject movement, even in low-light situations.

Conventional digital camera

FinePix S8000fd

Minimizes blurring caused by subject movement in low light

High Sensitivity

ISO 6400

With a maximum sensitivity of ISO 6400*, the FinePix S8000fd can take attractive photos even in limited light, without flash. And high sensitivity means you can capture impressive stop-action images, even when the subject is moving at high speeds.

*At ISO 6400/3200, resolution is limited to a maximum 4 megapixels. In full resolution (8 megapixels), sensitivity is limited to a maximum ISO 1600.

Intelligent Flash

Intelligent Flash calculates subject position, camera distance and brightness of the scene, and automatically adjusts sensitivity and flash output to give you attractive, accurately exposed flash photos with clear background detail.

Standard flash

Intelligent Flash + High-sensitivity

Natural Light & with Flash

In situations when you're not sure whether the flash is needed, this handy mode takes the same photo with and without flash with a single press of the shutter.
The resulting shots can be displayed side-by-side for comparison and selection.

Natural Light (flash off)

&

With Flash

Body!

18x Optical Zoom in a Compact Body with Ergonomic Grip

Despite its high-power 18x zoom lens, the FinePix S8000fd is designed to be compact and easy to carry. An ergonomic grip and rubber finger pad make it easy to hold the camera steady and operate the controls with one hand, giving you the flexibility to point and shoot smoothly and effortlessly.

Smooth 60 fps Electronic Viewfinder

In addition to the 2.5-inch LCD, the FinePix S8000fd gives you the option of framing your shots through a bright, clear 230,000-pixel electronic viewfinder (EVF). With a refresh rate of 60 frames per second, images in the viewfinder appear smooth and natural.

2.5" LCD with Wide View Film

The bright 2.5-inch LCD boasts 230,000 pixels of resolution. Coated with Wide View film, the screen offers an expanded viewing angle that facilitates creative composition and comes in handy for viewing and sharing your pictures. Anti-glare coating on the surface also makes it easier to see the LCD screen in bright light or outdoor shooting and viewing situations.

Conventional digital camera

FinePix S8000fd (Wide View film)

Additional Features!

Versatile Shooting Modes

Choose a shooting mode to match the situation and you are ready with the ideal settings for everything from shutter speed and exposure to white balance. An intuitive interface lets you confirm settings on the LCD and provides brief text explanations that take the guesswork out of digital photography.

Mode Dial

AUTO	Auto		Picture Stabilization		Natural Light
	Natural Light & with Flash	SP1	Scene Position 1	SP2	Scene Position 2
P	Program Auto	A	Aperture Priority Auto	S	Shutter Priority Auto
M	Manual		Movie		

Scene Position

Portrait	Landscape	Sport	Night	Fireworks	Sunset
Snow	Beach	Museum	Party	Flower	Text
Auction					

Sport

Auction

Super Macro Mode

Super Macro mode lets you move in as close as approx. 1cm (0.4 inch) making it easy to take high-impact full-frame close-ups.

Super Macro

High-Speed Continuous Shooting

The FinePix S8000fd offers a high-speed continuous shooting mode that captures up to 15 frames per second in a burst, even if the subject is moving.

Shooting Speed	Number of Recorded Pixels
7 frames/sec.*	4M or lower
15 frames/sec.*	2M or lower

*up to 15 frames

Micro-Thumbnail View

The 2.5-inch LCD can display up to 100 pictures simultaneously. You can use this micro-thumbnail view to select specific photos you want to view or print, eliminating the need to cycle through the entire content of your memory card.

xD/SD Compatible Slot

The memory card slot is compatible with both xD Picture Card and SD/SDHC memory cards, providing added flexibility for recording and transfer of photos images and playback on an expanded array of devices.

xD-Picture Card™

SDHC™